

## ABSTRACT OF THE DISCLOSURE

A method for measuring an absolute steering angle of a steering shaft for a vehicle using a first rotatable body and a second rotatable body that rotate together with the steering shaft of the vehicle at a predetermined rotation ratio, respectively. The method comprising the steps of: organizing a table by matching a plurality of relative rotational angle pairs ( $\Psi'$ ,  $\theta'$ ), wherein  $\Psi'$  is a relative rotational angle of the first rotatable body, and  $\theta'$  is a relative rotational angle of the second rotatable body, with respective absolute steering angles,  $\Phi$ s, corresponding to each of the relative rotational angle pairs; obtaining a  $\Psi_M'$  value by measuring the relative rotational angle  $\Psi'$  of the first rotatable body and obtaining a  $\theta_M'$  value by measuring the relative rotational angle  $\theta'$  of the second rotatable body by means of at least an angle sensor whose measurement range is  $\Omega$ ; and obtaining an absolute steering angle  $\Phi$  of the steering shaft corresponding to the measured relative rotational angle pair ( $\Psi_M'$ ,  $\theta_M'$ ) by looking up the table.